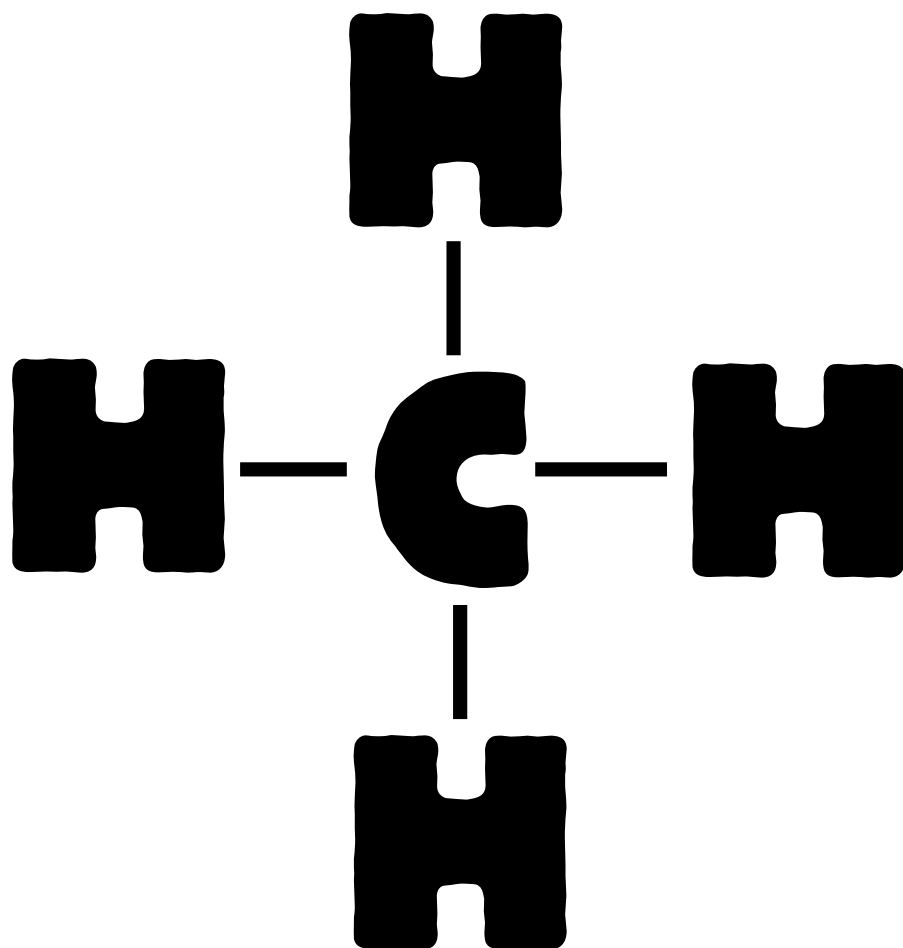
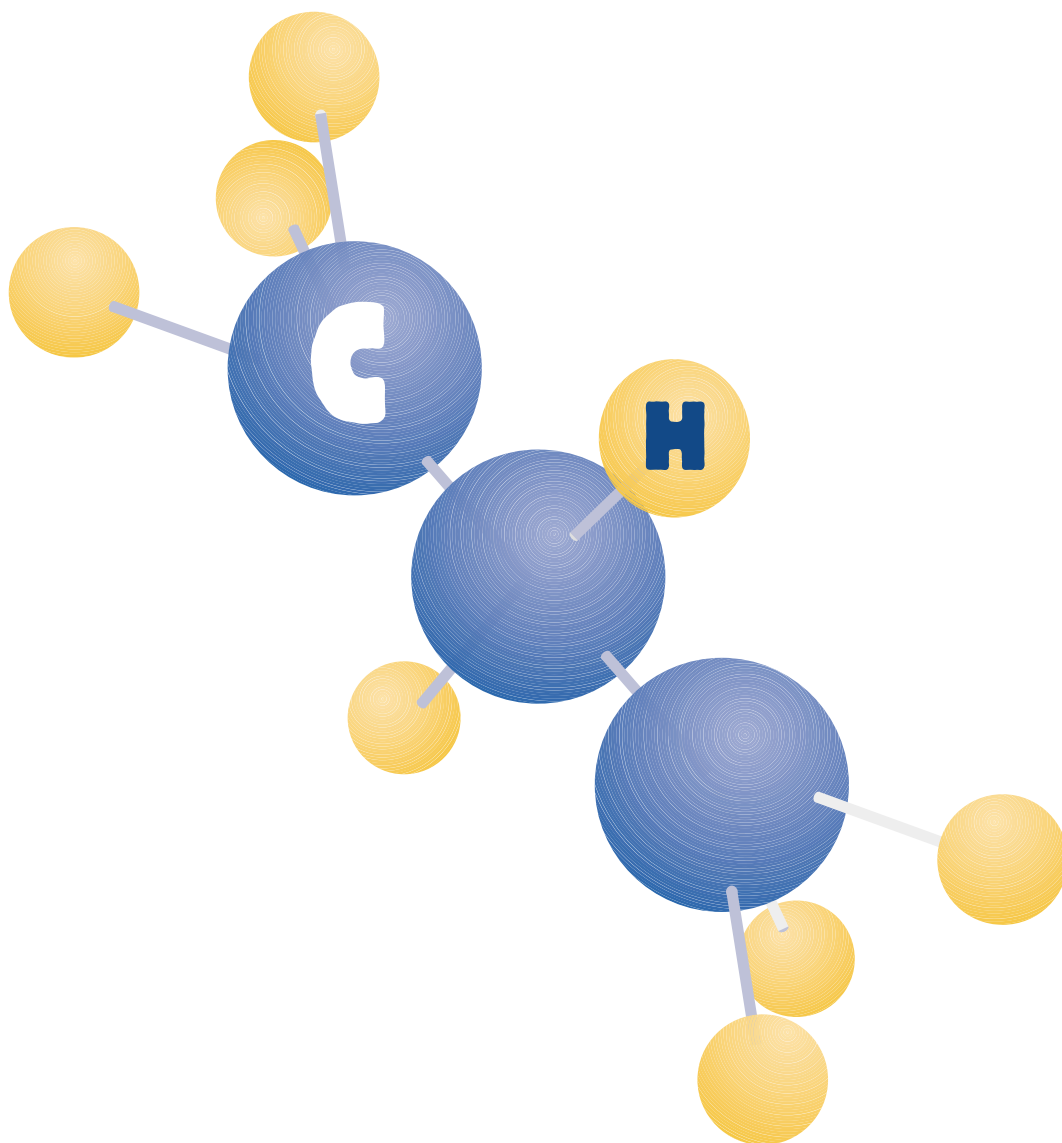


Graphic representation of methane molecule
*The single carbon atom forms covalent bonds
with four hydrogen atoms.*





Three-dimensional model of the molecular structure of propane, made up of 3 carbon and 8 hydrogen atoms



(The arrow means yields or changes into)



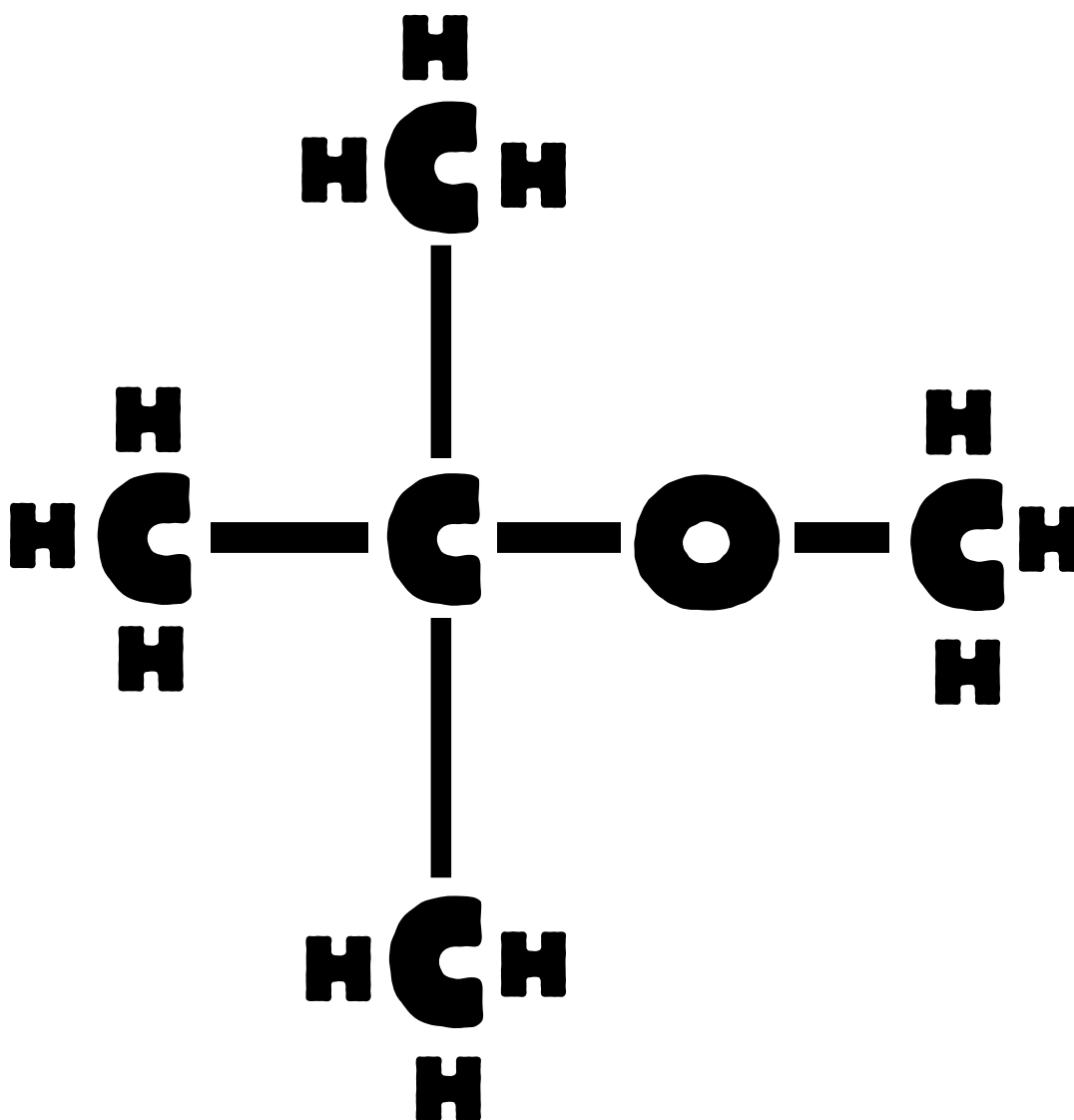
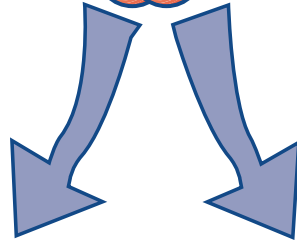
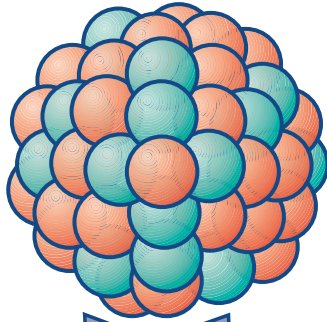


Fig. 2-2-10 Structural formula of methyl tertiary butyl ether (MTBE), p. 148 OH-18

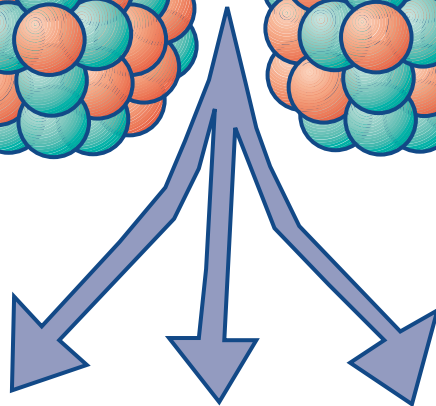
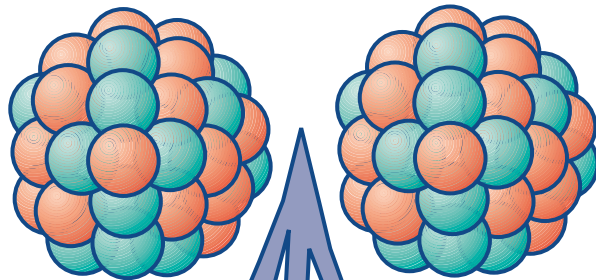
Incoming **neutron** moves
toward unstable nucleus



Large unstable nucleus



Two smaller, more stable nuclei are created



Three free neutrons



Fig. 2-2-11 Nuclear fission, p. 149

- Linear concept maps are like flow charts that show how one concept or event leads to another.
- Hierarchical concept maps represent information in a descending order of importance. The key concept is on top, and subordinate concepts fall below.
- Spider concept maps have a central or unifying theme in the center of the map. Outwardly radiating sub-themes surround the main theme. Spider concept maps are useful for brainstorming or at other times when relationships between the themes need to be left open-ended.
- Cross-linked maps use a descriptive word or phrase and identify the relationship with a labeled arrow.

